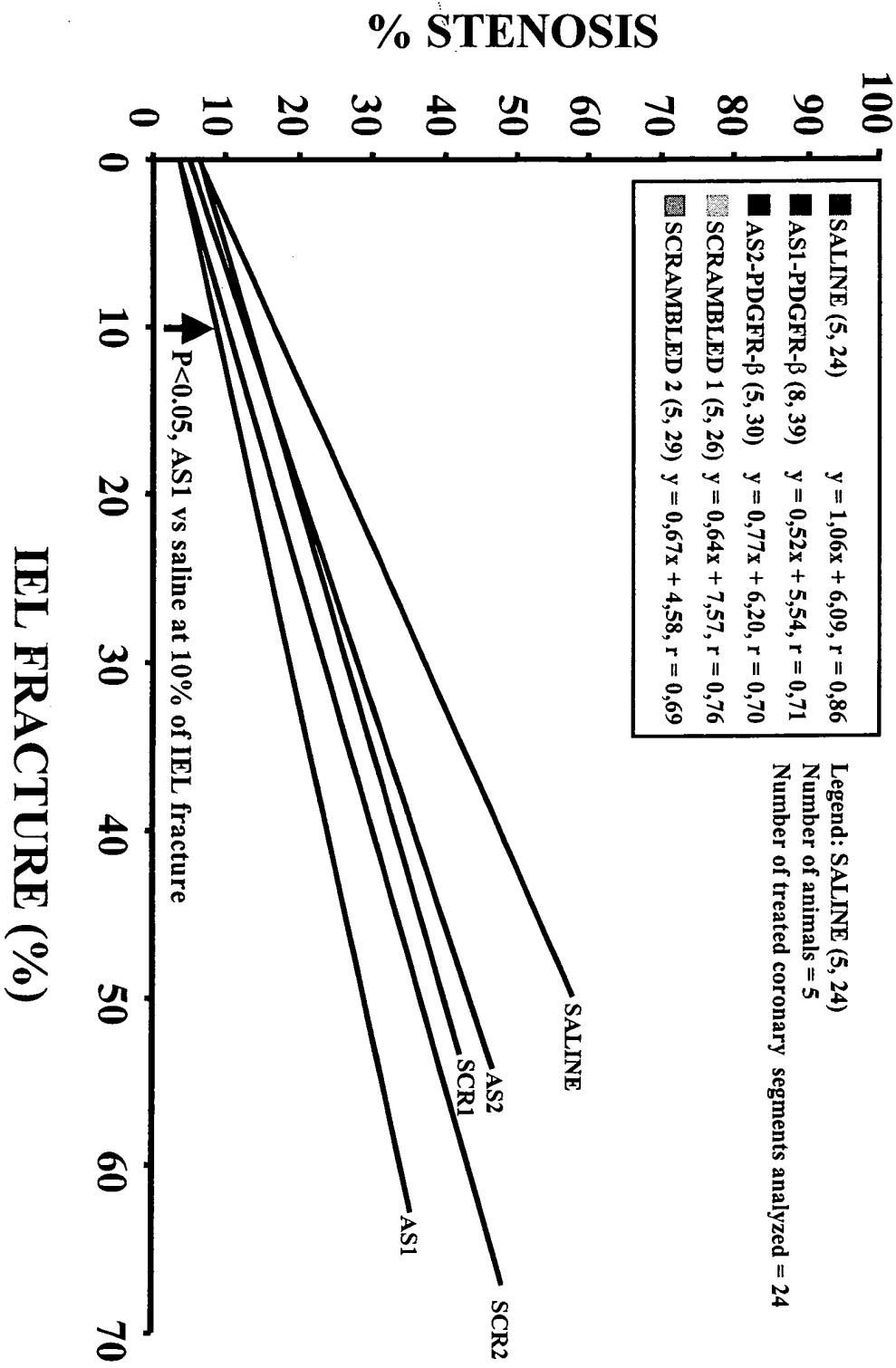


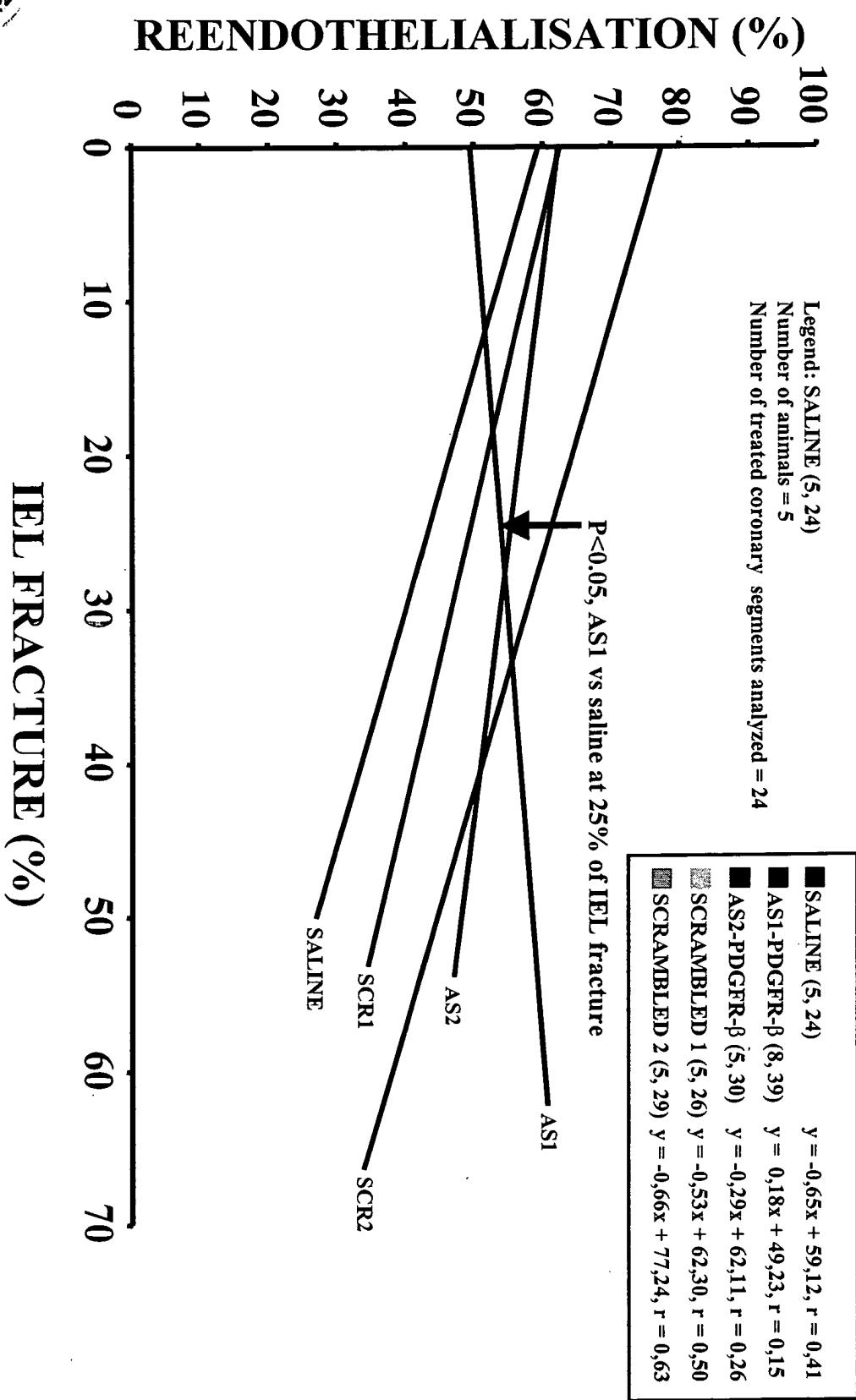


**Figure 1: Correlation: Stenosis vs IEL fracture**



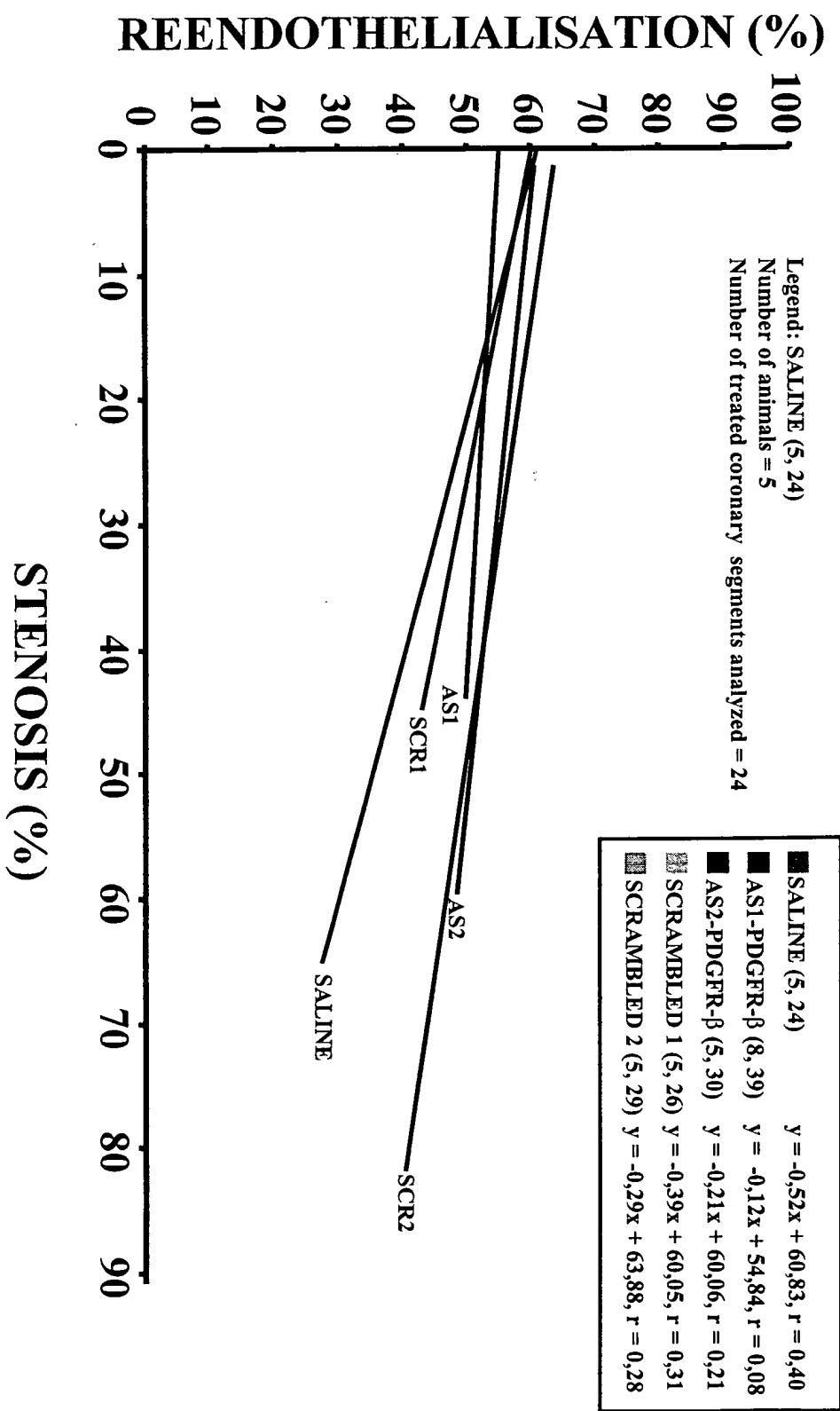


**Figure 2: Correlation: Reendothelialisation vs IEL fracture**

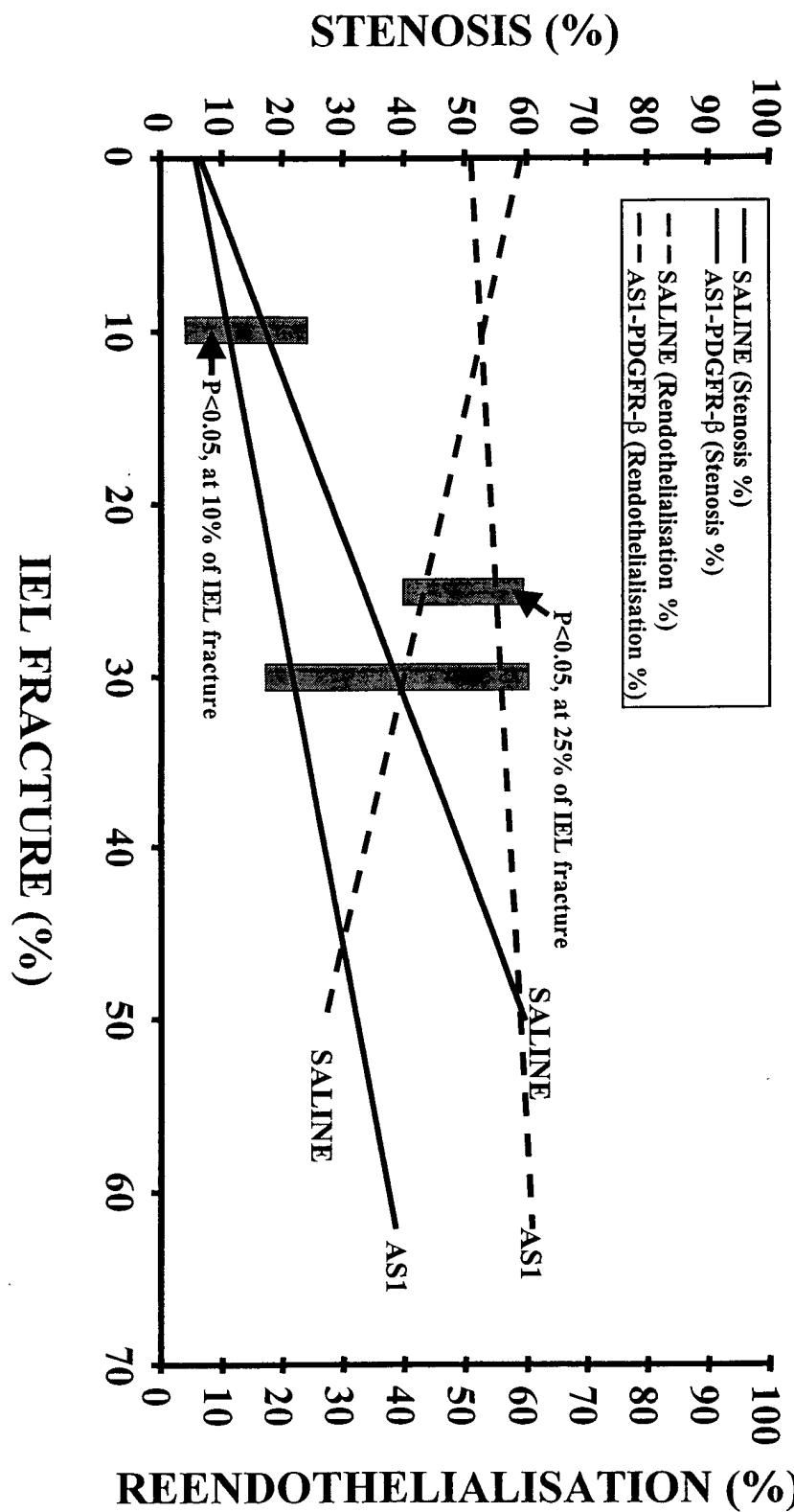




**Figure 3: Correlation: Reendothelialisation vs Stenosis**



**Figure 4: Double Correlation:  
Reendothelialisation & Stenosis vs IEL Fracture**



**Table 1: Effect of the Injury Score on the percentages of IEL fracture, Stenosis & Reendothelialisation**

**Group: SALINE**

Inj. Score	IEL Fracture (%)	Stenosis (%)	Reendo. (%)	#
0	0	0	91.06	1
1	0	3,76±0,93	56,94±17,42	4
2	0	5,85±2,18	62,79±8,01	6
3	6,88	28,74	22,17	1
4	26,99±3,60	34,77±5,20	40,49±5,86	12

**Group: AS1-PDGFR- $\beta$**

Inj. Score	IEL Fracture (%)	Stenosis (%)	Reendo. (%)	#
0	nil	nil	nil	
1	0	1,87±0,91	53,79±5,03	4
2	22,15±16,31	8,19±3,26	63,23±10,99	2
3	18,46±3,96	19,92±1,61	39,28±4,97	7
4	23,94±2,43	17,83±1,96	55,61±3,14	26

**Group: SCRAMBLED 1**

Inj. Score	IEL Fracture (%)	Stenosis (%)	Reendo. (%)	#
0	nil	nil	nil	
1	2,44±1,39	11,93±7,02	49,17±11,39	3
2	0	8,81±3,51	74,87±4,76	3
3	21,27±7,68	19,85±2,94	53,87±5,04	6
4	25,1±2,89	24,53±3,24	44,61±3,52	14

**Group: SCRAMBLED 2**

Inj. Score	IEL Fracture (%)	Stenosis (%)	Reendo. (%)	#
0	nil	nil	nil	
1	0,64±0,64	2,85±1,23	72,95±11,69	3
2	15,01±6,04	14,16±0,06	80,71±17,49	2
3	33,38±4,45	33,38±7,09	61,71±9,96	3
4	37,37±3,53	29,23±3,97	50,83±3,66	21

**Table 1: Legend**

Inj. Score: Injury Score

IEL Fracture (%): Mean percentage of internal elastic laminae fracture

Stenosis (%): Mean percentage of neointimal stenosis

Reendo. (%): Mean percentage of reendothelialization

#: number of coronary artery segments per injury score

